SEQUENCE LISTING

<110> Tao Biosciences, LLC
Pollard, Mike G
Cota, Adam
Hoeppner, Corey
Mehlhorn, Ingrid E
Cole, Timothy D
Neiman, Joshua A
Roberts, T. G
Mitchell, Wayne

<120> METHODS FOR IDENTIFYING AGENTS, THE AGENTS IDENTIFIED THEREWITH AND METHODS OF USING SAME

<130> 16-000540US

<140> US 10/606,406
<141> 2003-06-25

<160> 28

<170> PatentIn version 3.1

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tcggcgaagg ctggaaccgc ccgattggtg ccatgatccc accgcacatg cagaaatcat 180

ggccctgcgg cagggtggtc tggtgatgca aaattatcgt ctgtcgacgc cacgttgtat 240

gtcacgcttg aaccatgtgt aatgtgtgcc ggagcgatga tccacagtcg cattggtgcg 300

tggtctttgg tgcgcgtgac gcgaaaactg gcgctgcggg atctttaatg gatgtgctgc 360

atcatccggg ttgaatcacc gagtggaaat tacggaagga atactggcgg atgagtgcgc 420

ggcgttgctc agtgacttct ttcgctgcgc cgccaggaaa ttaaagcgca gaaaaaagcg 480

caatcctcga cggattaa 498

<210> 7
<211> 166
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<400> 7

Met Ser Glu Val Glu Phe Ser His Glu Tyr Trp Met Arg His Ala Leu
1 5 10 15

Thr Leu Ala Lys Arg Ala Trp Asp Glu Arg Glu Val Pro Val Gly Ala
20 25 30

Val Leu Val His Asn Asn Arg Val Ile Gly Glu Gly Trp Asn Arg Pro
35 40 45

Ile Gly Arg His Pro Thr Ala His Ala Glu Ile Met Ala Leu Arg Gln
50 55 60

Gly Gly Leu Val Met Gln Asn Tyr Arg Leu Ile Asp Ala Thr Leu Tyr
65 70 75 80

Val Thr Leu Glu Pro Cys Val Met Cys Ala Gly Ala Met Ile His Ser
85 90 95

Arg Ile Gly Arg Val Val Phe Gly Ala Arg Asp Ala Lys Thr Gly Ala
100 105 110

Ala Gly Ser Leu Met Asp Val Leu His His Pro Gly Met Asn His Arg
115 120 125

Val Glu Ile Thr Glu Gly Ile Leu Ala Asp Glu Cys Ala Ala Leu Leu
130 135 140

Ser Asp Phe Phe Arg Met Arg Arg Gln Glu Ile Lys Ala Gln Lys Lys
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Ala Gln Ser Ser Thr Asp
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Phe Ser His Glu Tyr Trp Met Arg His Ala Leu Thr Leu Ala Lys Arg
20 25 30

Ala Trp Asp Glu Arg Glu Val Pro Val Gly Ala Val Leu Val His Asn
35 40 45

Asn Arg Val Ile Gly Glu Gly Trp Asn Arg Pro Ile Gly Arg His Asp
50 55 60

Pro Thr Ala His Ala Glu Ile Met Ala Leu Arg Gln Gly Gly Leu Val
65 70 75 80

Met Gln Asn Tyr Arg Leu Ile Asp Ala Thr Leu Tyr Val Thr Leu Glu
85 90 95

Pro Cys Val Met Cys Ala Gly Ala Met Ile His Ser Arg Ile Gly Arg
100 105 110

Val Val Phe Gly Ala Arg Asp Ala Lys Thr Gly Ala Ala Gly Ser Leu
115 120 125

Met Asp Val Leu His His Pro Gly Met Asn His Arg Val Glu Ile Thr
130 135 140

Glu Gly Ile Leu Ala Asp Glu Cys Ala Ala Leu Leu Ser Asp Phe Phe
145 150 155 160

Arg Met Arg Arg Gln Glu Ile Lys Ala Gln Lys Lys Ala Gln Ser Ser
165 170 175

Thr Asp

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gtcggcgcgg tattagtgca taacaatcgg gtaatcggcg aaggctggaa ccgcccgatt 180

ggtcgccatg atcccaccgc acatgcagaa atcatggccc tgcggcaggg tggtctggtg 240

atgcaaaatt atcgtctgat cgacgccacg ttgtatgtca cgcttgaacc atgtgtaatg 300

tgtgccggag cgatgatcca cagtcgcatt ggtcgcgtgg tctttggtgc gcgtgacgcg 360

aaaactggcg ctgcgggatc tttaatggat gtgctgcatc atccgggtat gaatcaccga 420

gtggaaatta cggaaggaat actggcggat gagtgcgcgg cgttgctcag tgacttcttt 480

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Phe Ser His Glu Tyr Trp Met Arg His Ala Leu Thr Leu Ala Lys Arg
20 25 30

Ala Trp Asp Glu Arg Glu Val Pro Val Gly Ala Val Leu Val His Asn
35 40 45

Asn Arg Val Ile Gly Glu Gly Trp Asn Arg Pro Ile Gly Arg His Asp
50 55 60

Pro Thr Ala His Ala Glu Ile Met Ala Leu Arg Gln Gly Gly Leu Val
65 70 75 80

Met Gln Asn Tyr Arg Leu Ile Asp Ala Thr Leu Tyr Val Thr Leu Glu
85 90 95

Pro Cys Val Met Cys Ala Gly Ala Met Ile His Ser Arg Ile Gly Arg
100 105 110

Val Val Phe Gly Ala Arg Asp Ala Lys Thr Gly Ala Ala Gly Ser Leu
115 120 125

Met Asp Val Leu His His Pro Gly Met Asn His Arg Val Glu Ile Thr
130 135 140

Glu Gly Ile Leu Ala Asp Glu Cys Ala Ala Leu Leu Ser Asp Phe Phe
145 150 155 160

Arg Met Arg Arg Gln Glu Ile Lys Ala Gln Lys Lys Ala Gln Ser Ser
165 170 175

Thr Asp

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tcctcccgga tgcacca 77

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<212> DNA
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tcttcctggg tgcacca 77

<210> 13
<211> 77
<212> DNA
<213> Yersinia pestis

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tcttcctggg tgcacca 77

<210> 14
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<212> DNA
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tcctctcgga cgcgcca 77

<210> 15
<211> 77
<212> DNA
<213> Vibrio cholerae

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tcctctcgag cgcgcca 77

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<212> DNA
<213> Haemophilus influenzae

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tcctctcggg tgcgcca 77

<210> 17
<211> 77
<212> DNA
<213> Haemophilus influenzae

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<210> 18
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<212> DNA
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tcctcctgag tgcgcca 77

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<211> 74
<212> DNA
<213> Pseudomonas aeruginosa

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<211> 77
<212> DNA
<213> Neisseria meningitidis

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<210> 22
<211> 73
<212> DNA
<213> Chlamydia trachomatis

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<210> 23
<211> 73
<212> DNA
<213> Mycobacterium tuberculosis

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ctcttcgggc gcg 73

<210> 24
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<212> DNA
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<212> DNA
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<210> 28
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<213> Streptococcus pneumoniae

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tcctctaggg tgca 74